Meter reads - Edgewood WWTP DP- 1654

	Utility water	Truck	Lagoon	Effleunt	Perm mete	Infleunt	meter
9/30/2013	1244641				20097969		17531375
10/31/2013	1259906				20629510		18056300
Totals	15265		51627	531541		524925	
Day/Avg	492.4		16654	17146.5		16933	
10/31/2013	1259906				20629510		18056300
11/30/2013	1273881				21149577		18543832
Totals	13975		506092	520067		487532	
Day/Avg	465.8		16870	17335.5		16251	
11/30/2013	1273881				21149577		18543832
12/31/2013	1281319				21733826		19064629
Totals	7438			584249		520797	
Day/Avg	239.9			18846.7		16799.9	
	1		•		1	ì	



## Solids removal - Edgewood WWTP DP - 1654

		2013	
January	3946	February	11251
March	6779	April	13407
May	16012	June	18172
July	4781	August	10214
September	3551	October	2577
November	2054	December	5111

This is gallons that have went to Belt Press

1st Quarter- 21976 gallons 2nd Quarter- 47591 gallons 3rd Quarter- 18546 gallons

4th Quarter- 9742 gallons plant MLSS to low

We had issues with plant in 4th quarter. All back to normal



Turbidity reads- Edgewood WWTP DP-1654

	october	November	Dec
1	0.4	0.7	0.8
2	0.4	0.4	0.2
3	0.4	0.4	0.6
4	0.37	0.4	0.6
5	0.34	0.4	0.6
6	0.27	0.4	0.3
7	0.6	0.5	0.65
8	0.8	0.7	0.6
9	0.7	0.5	0.6
10	0.7	0.8	0.64
11	0.7	0.7	0.6
12	0.3	0.7	0.6
. 13	0.48	0.6	0.35
14	0.48	0.6	0.3
15	0.47	0.6	0.56
16	0.5	0.6	0.3
17	0.23	0.6	0.56
18	0.28	0.9	0.28
19	0.24	0.3	0.6
20	0.25	0.8	0.3
21	0.27	0.3	0.59
22	0.32	0.5	0.59
23	0.34	0.2	0.7
24	0.32	0.28	0.8
25	0.29	0.5	0.23
26	0.27	0.3	0.3
27	0.3	0.38	0.3
28	0.39	0.36	0.26
29	0.37	0.25	0.38
30	0.45	0.3	0.4
31	0.44		0.4



Lab Order 1312991

Date Reported: 1/8/2014

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rocking V Water Service

Edgewood WWTP Project:

Lab ID: 1312991-001 Client Sample ID: Effluent

Collection Date: 12/20/2013 10:45:00 AM

Received Date: 12/20/2013 11:25:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: JRR
Chloride	410	25	mg/L	50	12/27/2013 9:13:21 PM	M R15790
Nitrogen, Nitrate (As N)	3.6	0.50	mg/L	5	12/20/2013 6:10:17 PI	M R15735
SM5210B: BOD					Analys	t: SUB
Biochemical Oxygen Demand	ND	5.0	mg/L	1	12/26/2014	R15936
SM2540C MOD: TOTAL DISSOLVED	SOLIDS				Analys	st: <b>KS</b>
Total Dissolved Solids	1300	20.0	* mg/L	1	12/26/2013 11:29:00 A	M 10975
SM 4500 NORG C: TKN					Analys	t: TMG
Nitrogen, Kjeldahl, Total	2.0	1.0	mg/L	1	1/6/2014 9:15:00 AM	11049

Matrix: AQUEOUS

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- Ε Value above quantitation range
- Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- RPD outside accepted recovery limits R
- Spike Recovery outside accepted recovery limits S
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded H
- ND Not Detected at the Reporting Limit
- Not Detected at the Reporting Limit  $Page \ 1 \ of \ 9$  Sample pH greater than 2 for VOA and TOC only. P
- Reporting Detection Limit



Lab Order 1312991

Date Reported: 1/8/2014

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Project: Edgewood WWTP

1312991-002 Lab ID:

Client Sample ID: Influent

Collection Date: 12/20/2013 10:45:00 AM

Received Date: 12/20/2013 11:25:00 AM

Analyses	Result	RL Qual Units	DF Date Analyzed	Batch
SM5210B: BOD			Analy	st: SUB
Biochemical Oxygen Demand	/ 780	5.0 H mg/L	1 1/2/2014	R15936

Matrix: AQUEOUS

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- Analyte detected below quantitation limits j
- RSD is greater than RSDImit 0
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
  - Sample pH greater than 2 for VOA and TOC only.
- Reporting Detection Limit



Lab Order 1312313

Date Reported: 12/17/2013

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Client Sample ID: Effluent

Edgewood WWTP Project:

Collection Date: 12/9/2013 11:50:00 AM

Lab ID:

1312313-001

Matrix: AQUEOUS

Received Date: 12/9/2013 12:51:00 PM

Analyses	Result	RL Qual	Units	DF Date Analyzed	Batch
SM5210B: BOD				Analys	st: SMS
Biochemical Oxygen Demand	3.6 /	2.0	mg/L	1 12/16/2013 7:23:00 Al	M 10732

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- Е Value above quantitation range
- Analyte detected below quantitation limits
- RSD is greater than RSDlimit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded н
- ND Not Detected at the Reporting Limit
  - Not Detected at the Reporting Limit Page 1 of 3 Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit



Lab Order 1312313

Date Reported: 12/17/2013

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Edgewood WWTP Project:

Lab ID: 1312313-002 Client Sample ID: Influent

Collection Date: 12/9/2013 11:50:00 AM Received Date: 12/9/2013 12:51:00 PM

Batch DF Date Analyzed Result **RL Qual Units** Analyses Analyst: SMS SM5210B: BOD 12/16/2013 7:23:00 AM 10732 500 2.0 mg/L Biochemical Oxygen Demand

Matrix: AQUEOUS

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- Value above quantitation range E
- Analyte detected below quantitation limits
- RSD is greater than RSDlimit 0
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND Not Detected at the Reporting Limit  $$Page\ 2$ of 3$$  Sample pH greater than 2 for VOA and TOC only.
- Reporting Detection Limit



Lab Order 1311945

Date Reported: 12/5/2013

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1311945-001

Client Sample ID: Effluent

Collection Date: 11/20/2013 12:42:00 PM

Received Date: 11/21/2013 9:16:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
SM5210B: BOD	,				Analy	yst: SMS
Biochemical Oxygen Demand	32	2.0	mg/L	1	11/27/2013 8:47:00 /	AM 10467

Matrix: AQUEOUS

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Page 2 of 4

- Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit



Lab Order 1311945

Date Reported: 12/5/2013

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Edgewood WWTP

Lab ID:

Project:

1311945-002

Client Sample ID: Influent

Collection Date: 11/20/2013 12:42:00 PM

Received Date: 11/21/2013 9:16:00 AM

Analyses	Result	RL Qu	al Units	DF Date Analyzed	Batch
SM5210B: BOD				Anal	yst: SMS
Biochemical Oxygen Demand	470	2.0	mg/L	1 11/27/2013 8:47:00	AM 10467

Matrix: AQUEOUS

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- Analyte detected below quantitation limits
- o RSD is greater than RSDlimit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
  - Not Detected at the Reporting Limit Page 3 of 4 Sample pH greater than 2 for VOA and TOC only.
- Reporting Detection Limit



Lab Order 1311240

Date Reported: 11/19/2013

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rocking V Water Service

Edgewood WWTP

Project: Lab ID:

1311240-001

Client Sample ID: Effluent

Collection Date: 11/6/2013 4:50:00 AM

Received Date: 11/7/2013 8:37:00 AM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
SM5210B: BOD	/				Anal	yst: ECH
Biochemical Oxygen Demand	52	2.0	mg/L	1	11/12/2013 2:01:00	PM 10232

Matrix: AQUEOUS

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- Ε Value above quantitation range
- Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Page 2 of 4 Sample pH greater than 2 for VOA and TOC only.
- Reporting Detection Limit



Lab Order 1311240

Date Reported: 11/19/2013

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1311240-002 Client Sample ID: Influent

Collection Date: 11/6/2013 4:50:00 AM

Matrix: AQUEOUS Received Date: 11/7/2013 8:37:00 AM

Analyses	Result	RL Qu	ıal Units	DF Date Analyzed	Batch
SM5210B: BOD		,		Anal	yst: ECH
Biochemical Oxygen Demand	360 /	2.0	mg/L	1 11/12/2013 2:01:00	PM 10232

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

#### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- RSD is greater than RSDlimit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Sample pH greater than 2 for VOA and TOC only

Reporting Detection Limit



Lab Order 1310886

Hall Environmental Analysis Laboratory, Inc. Date Reported: 10/31/2013

CLIENT: Rocking V Water Service

Client Sample ID: Effluent

Project:

Edgewood WWTP

Collection Date: 10/17/2013 12:15:00 PM

Lab ID: 1310886-001

Matrix: AQUEOUS

Received Date: 10/17/2013 2:41:00 PM

Analyses	Result	RL Qu	al Units	DF Date Analyzed	Batch
SM5210B: BOD				A	nalyst: <b>ECH</b>
Biochemical Oxygen Demand	5.2	2.0	mg/L	1 10/22/2013 3:05:	00 PM 9895

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- Value above quantitation range E
- Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- Not Detected at the Reporting Limit Page 1 of 3 Sample pH greater than 2 for VOA and TOC only. P
- RL Reporting Detection Limit



Lab Order 1310886

Date Reported: 10/31/2013

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1310886-002 Client Sample ID: influent

Collection Date: 10/17/2013 12:15:00 PM

Matrix: AQUEOUS Received Date: 10/17/2013 2:41:00 PM

Analyses	Result	RL Qu	ıal Units	DF	Date Analyzed	Batch
SM5210B: BOD					Anal	yst: ECH
Biochemical Oxygen Demand	390 /	2.0	mg/L	1	10/22/2013 3:05:00	- PM 9895

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

#### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- Analyte detected below quantitation limits
- RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit

Not Detected at the Reporting Limit Page 2 of 3
Sample pH greater than 2 for VOA and TOC only.

RL Reporting Detection Limit



Lab Order 1310328

Date Reported: 10/29/2013

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1310328-001 Client Sample ID: Influent

Collection Date: 10/7/2013 1:50:00 PM

Received Date: 10/7/2013 2:55:00 PM

Result	RL Qu	al Units	DF	Date Analyzed	Batch
				Analy	yst: ECH
540	2.0	mg/L	1	10/14/2013 12:48:00	PM 9732
				Analy	st: TMG
a 65	2.0	mg/L	1	10/25/2013 7:30:00	AM 9974
```		·			
	540	540 2.0 7. 65 2.0	540 2.0 mg/L.	540 2.0 mg/L 1 7. 65 2.0 mg/L 1	Analy 540 2.0 mg/L 1 10/14/2013 12:48:00  Analy 65 2.0 mg/L 1 10/25/2013 7:30:00 A

Matrix: AQUEOUS

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- Ε Value above quantitation range
- Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- ND Sample pH greater than 2 for VOA and TOC only. Not Detected at the Reporting Limit
- P
- RL Reporting Detection Limit



Lab Order 1309A66

Date Reported: 10/4/2013

# Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rocking V Water Service

Project: Edgewood WWTP

1309A66-001

Lab ID:

Client Sample ID: Effluent

Collection Date: 9/24/2013 7:00:00 AM

Received Date: 9/24/2013 11:48:00 AM

Analyses	Result		RL Q	ual	Units	DF	Date Analyzed	Batch
SM5210B: BOD							Analy	/st: SMS
Biochemical Oxygen Demand	8.2	/	2.0	н	mg/L	1	9/30/2013 2:28:00 PI	VI 9478

Matrix: AQUEOUS

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- Ε Value above quantitation range
- Analyte detected below quantitation limits
- 0 RSD is greater than RSDImit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND

- Not Detected at the Reporting Limit Page 2 of 5 Sample pH greater than 2 for VOA and TOC only. P
- RL Reporting Detection Limit



Lab Order 1309A66

Date Reported: 10/4/2013

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1309A66-002 Client Sample ID: Influent

Collection Date: 9/24/2013 7:00:00 AM

Received Date: 9/24/2013 11:48:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
SM5210B: BOD	,				Anal	yst: SMS
Biochemical Oxygen Demand	440 /	2.0	H mg/L	1	9/30/2013 2:28:00 P	M 9478
EPA METHOD 1664A					Anai	yst: JDC
N-Hexane Extractable Material	28	5.0	mg/L	1	9/30/2013 4:00:00 Pi	M 9547

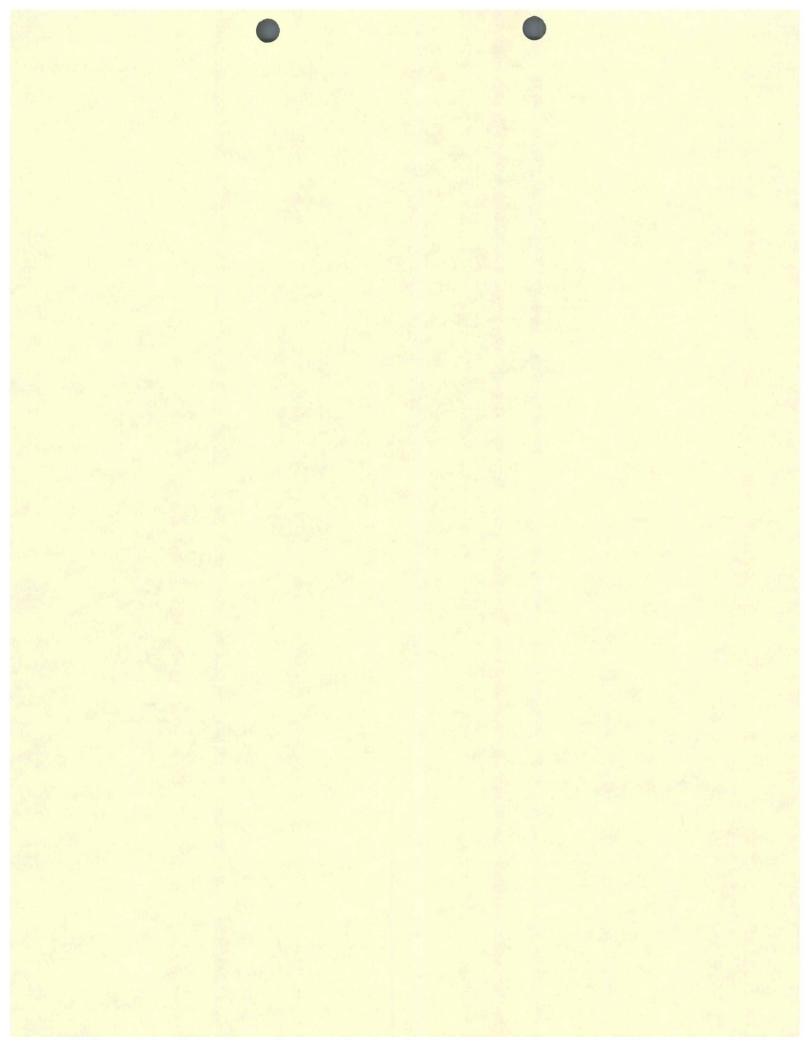
Matrix: AQUEOUS

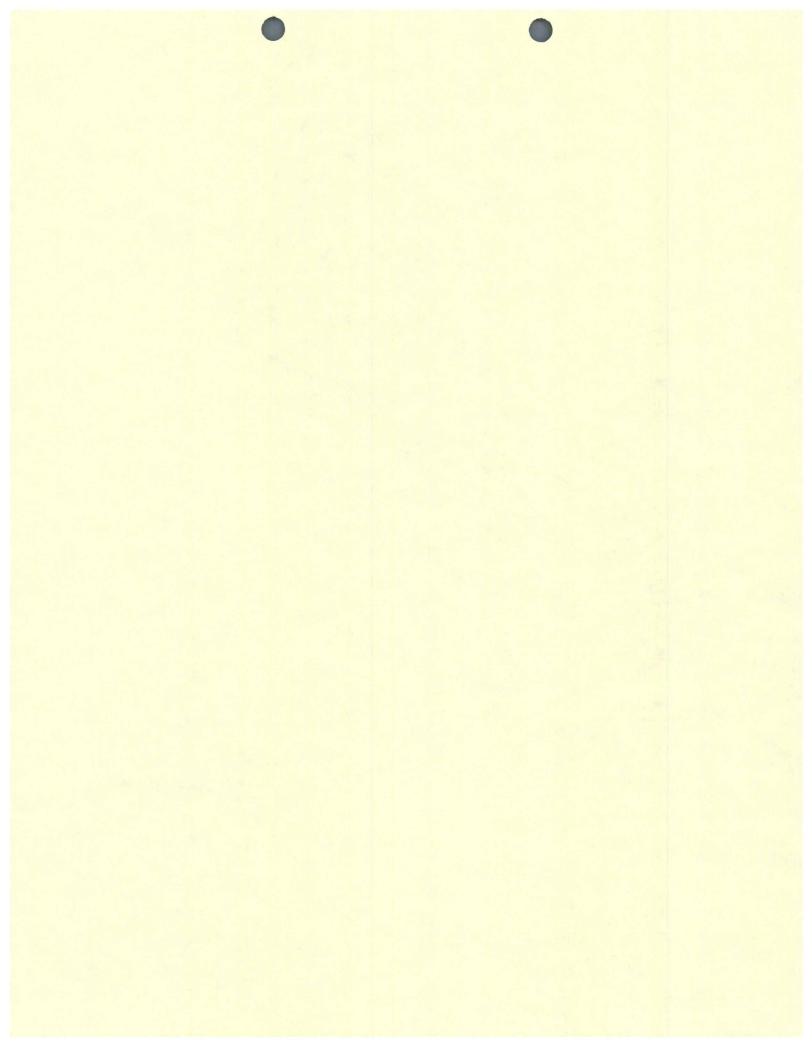
Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- В Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit

- Not Detected at the Reporting Limit Page 3 of 5 Sample pH greater than 2 for VOA and TOC only. P
- RLReporting Detection Limit







Meter reads - Edgewood WWTP DP- 1654

				IP DP- 1654						
	Utility wate	Truck	Lagoon	Effleunt	Perm meter	Infleunt	meter			
6/30/2013					18418618		15822667			
7/31/2013					19014237	/	16391944			
Totals	28168		567451	595619		<sup>7</sup> 569277				
Day/Avg	908.6		18304.8	19213.5		18363.7				
7/31/2013	1198540				19014237		16391944			
8/31/2013	1229832				19582087		16965431			
Totals	31292		536558	567850		573487				
Day/Avg	1009.4		17308.3	18317.7		18499.5				
8/31/2013	1229832				19582087		16965431			
9/30/2013	1244641				20097969		17531375			
Totals	14809			515882		565944				
Day/Avg	493.6			17196		188648				



### Solids removal - Edgewood WWTP DP - 1654

2013

January	3946	February	11251
March	6779	April	13407
May	16012	June	18172
July	4781	August	10214
September	3551	October	
November		December	

This is gallons that have went to Belt Press

1st Quarter- 21976 gallons 2nd Quarter- 47591 gallons 3rd Quarter- 18546 gallons

•		•

Turbidity reads- Edgewood WWTP DP-1654

	july	august	sept
1	0.4	0.7	0.8
2	0.4	0.4	0.2
3	0.4	0.4	0.6
4	0.37	0.4	0.6
5	0.34	0.4	
6	0.27	0.4	0.3
7	0.6	0.5	0.65
8	0.8	0.7	0.6
9	0.7	0.5	0.6
10	0.7	0.8	0.64
11	0.7	0.7	0.6
12	0.3	0.7	0.6
13	0.48	0.6	0.35
14	0.48	0.6	0.3
15	0.47	0.6	0.56
16	0.5	0.6	0.3
17	0.23	0.6	0.56
18	0.28	0.9	0.28
19	0.24	0.3	0.6
20	0.25	0.8	0.3
21	0.27	0.3	0.59
22	0.32	0.5	0.59
23	0.34	0.2	0.7
24	0.32	0.28	0.8
25	0.29	0.5	0.23
26	0.27	0.3	0.3
27	0.3	0.38	0.3
28	0.39	0.36	0.26
29	0.37	0.25	0.38
30	0.45	0.3	0.4
31	0.44	0.3	



Lab Order 1307277

Date Reported: 7/17/2013

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Project: Edgewood WWTP

Lab ID: 1307277-001 Client Sample ID: Effluent

Collection Date: 7/8/2013 12:10:00 PM

Matrix: AQUEOUS

Received Date: 7/8/2013 2:54:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
SM5210B: BOD					Analyst: SMS
Biochemical Oxygen Demand	<b>46</b>	2.0	mg/L	1	7/15/2013 8:41:00 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- Е Value above quantitation range
- Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- Not Detected at the Reporting Limit

  Page 1 of 3

  Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit



Lab Order 1307277

Date Reported: 7/17/2013

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Project: Edgewood WWTP

Lab ID:

1307277-002

Client Sample ID: Influent

Collection Date: 7/8/2013 12:10:00 PM Received Date: 7/8/2013 2:54:00 PM

Analyses Result **RL Qual Units** Date Analyzed SM5210B: BOD Analyst: SMS Biochemical Oxygen Demand 190 2.0 1 mg/L 7/15/2013 8:41:00 AM

Matrix: AQUEOUS

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- Analyte detected below quantitation limits
- 0 RSD is greater than RSDlimit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit
- Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

		t ,



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

**Case Narrative** 

WO#:

1307A92

Date:

8/5/2013

**CLIENT:** 

Rocking V Water Service

Project:

Edgewood WWTP

Analytical Comments for METHOD BOD , SAMPLE 1307A92-001A, Batch ID 8564: Estimated value due to all 5 bottles having < 2.0 of DO depletion.



Lab Order 1307A92

Date Reported: 8/5/2013

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

1307A92-001

Project: Edgewood WWTP

Lab ID:

Client Sample ID: Effluent

Collection Date: 7/24/2013 9:40:00 AM

Matrix: AQUEOUS Received Date: 7/24/2013 11:41:00 AM

Analyses	Result	RL Qual Units	DF Date Analyzed	Batch
SM5210B: BOD			Anal	/st: ECH
Biochemical Oxygen Demand	<2.99	2.0 E mg/L	1 7/30/2013 3:00:00 P	M 8564

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Page
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

Lab Order 1307A92

Date Reported: 8/5/2013

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Project: Edgewood WWTP

Lab ID:

1307A92-002

Client Sample ID: Influent

Collection Date: 7/24/2013 9:40:00 AM

Matrix: AQUEOUS

Received Date: 7/24/2013 11:41:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
SM5210B: BOD					Anal	yst: ECH
Biochemical Oxygen Demand	460 /	2.0	mg/L	1	7/30/2013 3:00:00 P	M 8564

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- RPD outside accepted recovery limits

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
  - Not Detected at the Reporting Limit
    Page 3 of 4
    Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

Lab Order 1308235

Date Reported: 8/20/2013

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Client Sample ID: Effluent

Project: Edgewood WWTP

Collection Date: 8/6/2013 10:45:00 AM

Lab ID: 1308235-001

Matrix: AQUEOUS

Received Date: 8/6/2013 1:10:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				* * * * *	Analys	: JRR
Chloride	350 ~	10	mg/L	20	8/6/2013 4:27:43 PM	R12465
Nitrogen, Nitrate (As N)	1.5 /	0.50	mg/L	5	8/6/2013 4:15:19 PM	R12465
SM5210B: BOD					Analyst	: ECH
Biochemical Oxygen Demand	4.0 /	2.0	mg/L	1	8/12/2013 11:12:00 AM	8755
SM2540C MOD: TOTAL DISSOLVED	SOLIDS				Analyst	: KS
Total Dissolved Solids .	1300	20.0	mg/L	1	8/8/2013 4:53:00 PM	8751
SM 4500 NORG C: TKN					Analyst	: TMG
Nitrogen, Kjeldahl, Total	1.4	1.0	mg/L	1	8/19/2013 2:30:00 PM	8913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Page 1 of 7
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit



Lab Order 1308235

Date Reported: 8/20/2013

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Project: Edgewood WWTP

Lab ID:

1308235-002

Client Sample ID: Influent

Collection Date: 8/6/2013 10:45:00 AM

Matrix: AQUEOUS Received Date: 8/6/2013 1:10:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
SM5210B: BOD					Anal	yst: <b>ECH</b>
Biochemical Oxygen Demand	620 /	2.0	mg/L	1	8/12/2013 11:12:00	AM 8755

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

### Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Page 2 of 7

- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit



Lab Order 1309031

Date Reported: 9/12/2013

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Project: **Edgewood WWTP** 

Lab ID:

1309031-001

Client Sample ID: Effluent

Collection Date: 9/3/2013 10:00:00 AM

Received Date: 9/3/2013 1:57:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
SM5210B: BOD					Analy	/st: ECH
Biochemical Oxygen Demand	DO Depletion<2.0 /	2.0	mg/L	1	9/9/2013 2:50:00 PM	9157

Matrix: AQUEOUS

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- Ε Value above quantitation range
- j Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- Not Detected at the Reporting Limit
  Page 1 of 3
  Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit



Lab Order 1309031

Date Reported: 9/12/2013

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rocking V Water Service

Project:

Lab ID:

Edgewood WWTP

1309031-002

Client Sample ID: Influent

Collection Date: 9/3/2013 10:00:00 AM

Matrix: AQUEOUS Received Date: 9/3/2013 1:57:00 PM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
SM5210B: BOD					Anal	yst: ECH
Biochemical Oxygen Demand	310	2.0	mg/L	1	9/9/2013 2:50:00 PM	9157

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- Е Value above quantitation range
- Analyte detected below quantitation limits
- o RSD is greater than RSDlimit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- Not Detected at the Reporting Limit
  Page 2 of 3
  Sample pH greater than 2 for VOA and TOC only. P
- Reporting Detection Limit



Lab Order 1309671

Date Reported: 9/26/2013

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Client Sample ID: Effluent

Edgewood WWTP Project:

1309671-001 Lab ID:

Collection Date: 9/17/2013 9:15:00 AM

Matrix: AQUEOUS

Received Date: 9/17/2013 10:30:00 AM

Analyses	Result		RL Qu	al Units	DF	Date Analyzed	Batch
SM5210B: BOD						Anal	yst: <b>SMS</b>
Biochemical Oxygen Demand	5.1	1	2.0	mg/L	1	9/23/2013 7:37:00 A	M 9359

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- Value above quantitation range
- Analyte detected below quantitation limits
- RSD is greater than RSDlimit
- RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit Page 1 of 3
  - Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

Lab Order 1309671

Date Reported: 9/26/2013

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Rocking V Water Service

Project: **Edgewood WWTP** 1309671-002

Lab ID:

Client Sample ID: Influent

Collection Date: 9/17/2013 9:15:00 AM

Matrix: AQUEOUS Received Date: 9/17/2013 10:30:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
SM5210B: BOD					Anal	yst: SMS
Biochemical Oxygen Demand	600 /	2.0	mg/L	1	9/23/2013 7:37:00 A	M 9359

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Page 2 of 3
- Sample pH greater than 2 for VOA and TOC only.
- Reporting Detection Limit RL



Lab Order 1309A66

Date Reported: 10/4/2013

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Project: Edgewood WWTP

Lab ID:

1309A66-001

Client Sample ID: Effluent

Collection Date: 9/24/2013 7:00:00 AM

Matrix: AQUEOUS R

Received Date: 9/24/2013 11:48:00 AM

Analyses	Result	RL Qual Units	DF Date Analyzed	Batch
SM5210B: BOD			Analy	st: SMS
Biochemical Oxygen Demand	8.2	2.0 H mg/L	1 9/30/2013 2:28:00 PM	A 9478

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Page 2 of 5
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit



# Analytical Report Lab Order 1309A66

Date Reported: 10/4/2013

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Rocking V Water Service

Project: Edgewood WWTP

**Lab ID:** 1309A66-002

Client Sample ID: Influent

Collection Date: 9/24/2013 7:00:00 AM

Received Date: 9/24/2013 11:48:00 AM

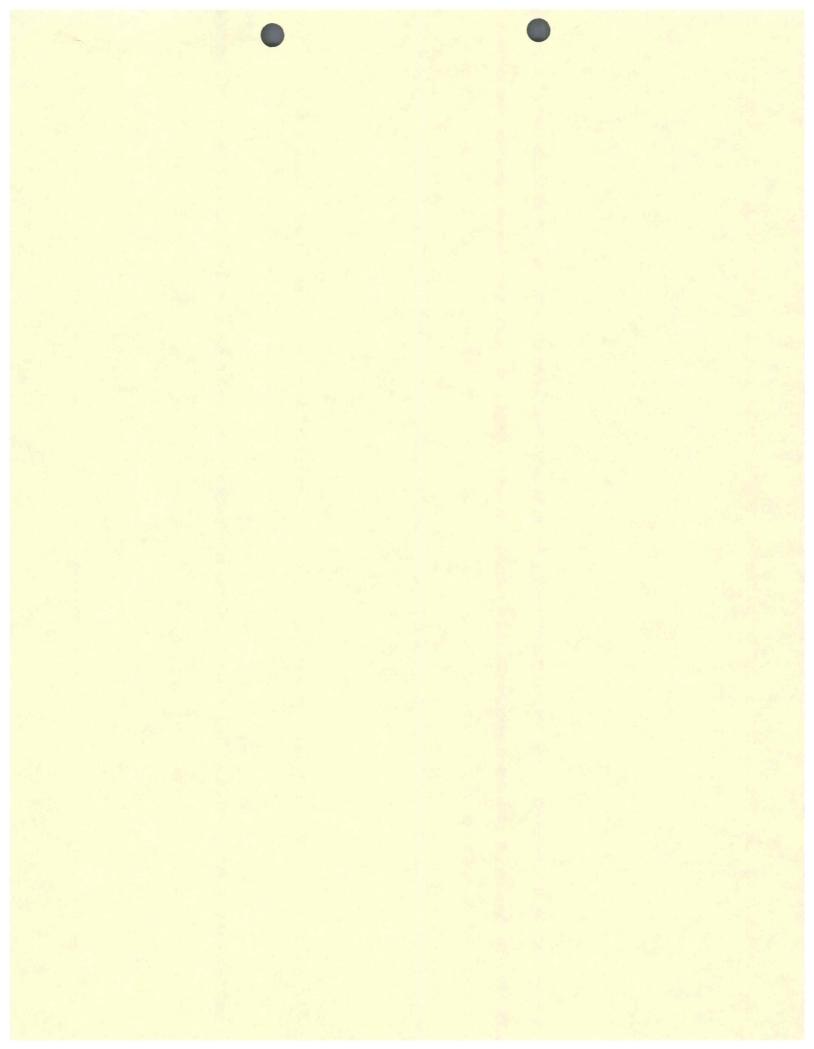
Analyses	Result	RL Qual Units	DF Date Analyzed Batch
SM5210B: BOD			Analyst: SMS
Biochemical Oxygen Demand	440	2.0 H mg/L	1 9/30/2013 2:28:00 PM 9478
EPA METHOD 1664A		-	Analyst: JDC
N-Hexane Extractable Material	28	5.0 mg/L	1 9/30/2013 4:00:00 PM 9547

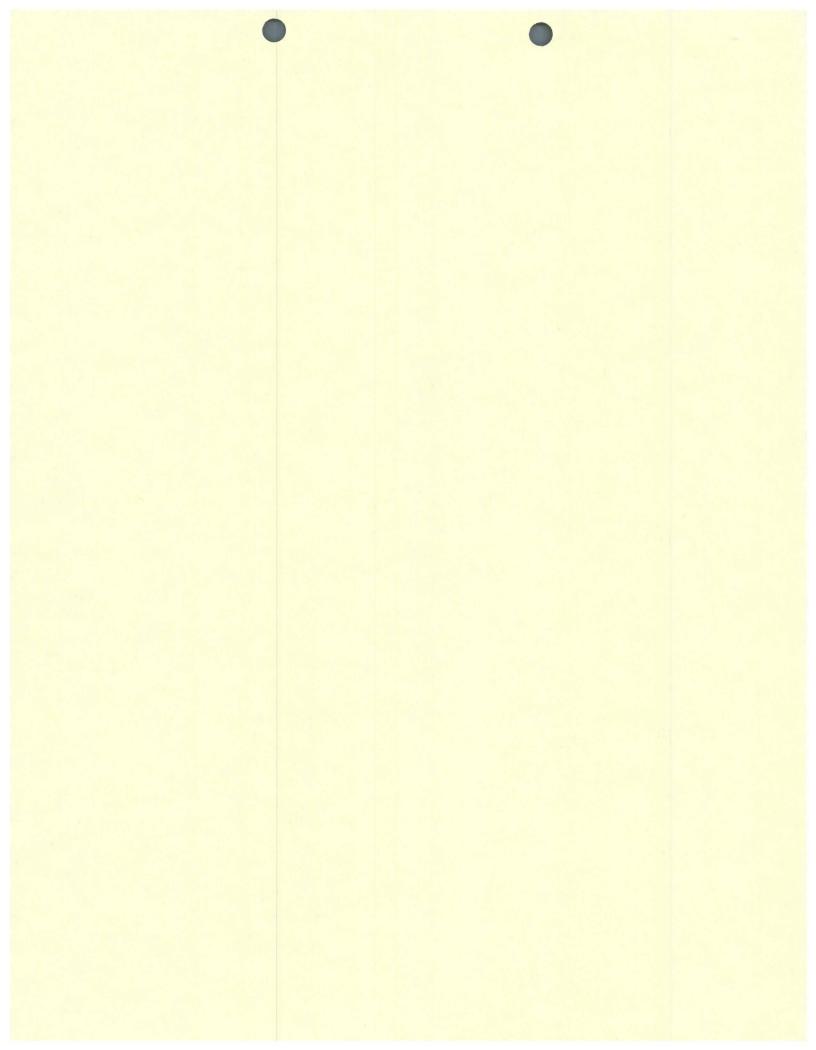
Matrix: AQUEOUS

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- \_\_Page 3 of 5
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit







### Solids removal - Edgewood WWTP DP - 1654 2013

_	January	3946	February	11251
ERROY				
Kr.	March	6779	April	13407
		45040	-	
	May	16012	June	18172
	July		August	
	September		October	
	November		December	

This is gallons that have went to Belt Press

1st Quarter- 21976 gallons 2nd Quarter- 47591 gallons



Meter reads - Edgewood WWTP DP- 1654

	Meter read	ls - Edge	wood WW1	P DP- 1654			
	Utility wate	Truck p	Lagoon	Effleunt	Perm meter	Infleunt	meter
3/31/2013	1052568				16710023		14349622
4/30/2013	1083957				17245500		14815638
Totals	31389		504088	535477		<b>466016</b>	
Day/ Avg	1046		16803	17849.2		15533.9	
4/20/2012	1002057				17245500		14815638
4/30/2013					17245500		
5/31/2013				500070	17835378		15328521
Totals	38311		551567		_	<b>∕512883</b>	
Day/ Avg	1236		17792.5	19028		16545	
5/31/2013	1122268				17835378		15328521
6/30/2013					18418618		15822667
Totals	48104		535136	583240		< 494146	
Day/ Avg	1603.5		17838	19441.3		16472	
				<u>-</u>			
			-				<u></u>
-							
1		1					

